

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. BSA 04-02	SERIAL NO. Unassigned
	APPLICANT Haitao Wu et al.	CONFIRMATION NO. Unassigned
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U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		2003/0032799 A1	2-13-03	Miura et al.	_____	_____	
		2003/0083494 A1	5-1-03	Miura et al.	_____	_____	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MB		4,783,529	11-8-88	Lavallee et al.	_____	_____	
MB		4,959,356	9-25-90	Miura et al.	_____	_____	
		5,149,801	9-22-92	Kahl et al.	_____	_____	
		5,162,231	11-10-92	Cole et al.	_____	_____	
		5,268,371	12-7-93	Mauclair et al.	_____	_____	
		5,312,896	5-17-94	Bhardwaj et al.	_____	_____	
		5,563,132	10-8-96	Bodaness	_____	_____	
		5,654,423	8-5-97	Kahl et al.	_____	_____	
		5,674,467	10-7-97	Maier et al.	_____	_____	
		5,877,165	3-2-99	Miura et al.	_____	_____	
		5,955,586	9-21-99	Sessler et al.	_____	_____	
		6,010,805	1-4-00	Scanlon, Jr. et al.	_____	_____	
		6,066,628	5-23-00	Stojiljkovic et al.	_____	_____	
		6,566,517	5-20-03	Miura et al.	_____	_____	

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
<i>MF</i>		WO 01/85736 A1	11-15-01	PCT	 	 		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>MF</i>	1.	Morris et al., "Porphyrin-mediated boron neutron capture therapy: evaluation of the reactions of skin and central nervous system," <i>Int. J. Radiat. Biol.</i> , 79(3): 149-158 (2003).
	2.	Vincente, et al., "Synthesis, dark toxicity, and induction of <i>in vitro</i> DNA photodamage by a tetra (4- <i>nido</i> -carboranylphenyl)prophyrin," <i>J. Photochem. Photobiol. B. Biology</i> , 68(2-3): 123-132 (2002).
	3.	Maderna et al., "Synthesis of a porphyrin-labelled carboranyl phosphate diester: a potential new drug for boron neutron capture therapy of cancer," <i>Chem. Commun.</i> , 16: 1784-1785 (2002).
	4.	Miura et al., "Boron Neutron Capture of a Murine Mammary Carcinoma using a Lipophilic Carboranyltetraphenylporphyrin," <i>Radiat. Res.</i> , 155(4): 603-610 (2001).
	5.	Miura et al., "Evaluation of carborane-containing porphyrins as tumor targeting agents for boron neutron capture therapy," <i>Br. J. Radiol.</i> , 71(847): 773-781 (1998).
<i>↓</i>	6.	Miura et al., "Synthesis of a Nickel Tetracarboranylphenylporphyrin for Boron Neutro-Capture Therapy: Biodistribution and Toxicity in Tumor-Bearing Mice," <i>Int. J. Cancer</i> , 68(1): 114-119 (1996).
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ME	7.	Kahl et al., "A Carboranyl Porphyrin for Boron Neutron Capture Therapy of Brain Tumors," <i>Basic Life Sci.</i> , 50: 193-203 (1989).
	8.	Miura et al., "Biodistribution of copper carboranyltetraphenylporphyrins in rodents bearing an isogenic or human neoplasm," <i>J. NeuroOncol.</i> , 5: 111-117 (2001).
	9.	Berlin et al., "Are Porphyrin Mixtures Favorable Photodynamic Anticancer Drugs? A Model Study with Combinatorial Libraries of Tetraphenylporphyrins," <i>Combinatorial Chemistry</i> , 61(2): 107-118 (1998).
	10.	Miller et al., "In Vivo Animal Studies with Gadolinium (III) Texaphyrin As a Radiation Enhancer," <i>Int. J. Radiat. Oncol. Biol. Phys.</i> , 45(4): 981-989 (1999).
	11.	Bhyrappa et al., "Octabromotetraphenylporphyrin and Its Metal Derivatives: Electronic Structure and Electrochemical Properties," <i>Inorg. Chem.</i> , 30: 239-245 (1991).
	12.	Birnbaum et al., " ¹⁹ F NMR Spectra and Structures of Halogenated Porphyrins," <i>Inorg. Chem.</i> , 34(14): 3625-3632 (1995).
	13.	Fairchild et al., "Current Status of ¹⁰ B-Neutron Capture Therapy: Enhancement of Tumor Dose Via Beam Filtration and Dose Rate, and the Effects of These Parameters on Minimum Boron Content: a Theoretical Evaluation," <i>Int. J. Radiat. Oncol. Biol. Phys.</i> , 11(4): 831-840 (1985).
✓	14.	Woller et al., "2, 3, 7, 8, 12, 13, 17, 18-Octafluoro-5, 10, 15, 20-tetraarylporphyrins and Their Zinc Complexes: First Spectroscopic, Electrochemical, and Structural Characterization of a Perfluorinated Tetraarylmetalloporphyrin," <i>J. Org. Chem.</i> , 62(6): 1588-1593 (1997).

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15.		Woller et al., "A Straightforward Synthesis of 3,4-Difluoropyrrole," <i>J. Org. Chem.</i> , 63(16): 5706-5707 (1998).
16.		Ozette et al., "New Metalloporphyrins with Extremely Altered Redox Properties: Synthesis, Structure, and Facile Reduction to Air-Stable n-Anion Radicals of Zinc and Nickel β -Heptanitroporphyrins," <i>J. Am. Chem. Soc.</i> , 119(27): 6442-6443 (1997).
17.		Chanana et al., "Boron Neutron Capture Therapy for Glioblastoma Multiforme: Interim Results from the Phase I/II Dose-Escalation Studies," <i>Neurosurgery</i> , 44(6): 1182-1193 (1999).
18.		Vincente et al., "Syntheses of carbon - carbon linked carboranylated porphyrins for boron neutron capture therapy of cancer." <i>Tetrahedron Letters</i> , 41: 7623-7627 (2000).
19.		Evstigneeva, "Synthesis of Carboranylporphyrins and the Perspectives of Their Use for Boron Neutron Capture Therapy," <i>Molecules</i> , 5: 1479-80 (2001).
20.		Zakharkin et al., "Synthesis of carboranyl derivatives of deuteroporphyrin IX," <i>Russian Chemical Bulletin</i> , 48(12): 2312-14 (1999).
21.		"Brain Tumor Patients Offered New Hope with Expanded Trial of Promising Therapy," Press Release, Brookhaven National Labs, Nov. 1998, < http://virtualtrials.com/bnct2.cfm >.
22.		Yarris, "Accelerator for Boron Neutron Capture Therapy Proposed by Lab," Jun. 21, 1996, Lawrence Berkeley National Laboratory, < http://www.lbl.gov/Science-Articles/Archive/boron-capture.html >.

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MF	23.	Gomez, "Boron Neutron Capture Therapy (BNCT)," Dec. 1, 1998, Lawrence Berkeley National Laboratory, < http://www.virtualtrials.com/bnct.cfm >
	24.	Chu et al., Overview - LBNL/UCSF Boron Neutron Capture Proposal, < http://ehs.lbl.gov/bnct/overview.html >.
	25.	Chu et al., Work in Progress - LBNL/UCSF Boron Neutron Capture Proposal, "Progress Report (4/97) on 'Accelerator-Based BNCT Clinical Trial'," < http://ehs.lbl.gov/bnct/progress.html >.
	26.	Ludewigt et al., "Research Topics and Papers, Neutron Production Target for the BNCT Project at Lawrence Berkeley National Laboratory and at the University of California at San Francisco, Project 2b - Neutron Production Target," < http://ehs.lbl.gov/bnct/research/target.html >.
	27.	Larson et al., "Research Topics and Papers, Phase I Study Concept for the BNCT Project at Lawrence Berkeley National Laboratory and at the University of California at San Francisco, Project 11 - Proposed BNCT Clinical Trials," < http://ehs.lbl.gov/bnct/research/proposedtrials.html >.
	28.	Deen et al, "Research Topics and Papers, Small Animal and <i>In Vitro</i> Toxicity and Biodistribution for the BNCT Project at Lawrence Berkeley National Laboratory and at the University of California at San Francisco, Project 6- Small Animal and <i>In Vitro</i> Toxicity, Biodistribution and Radiobiology," http://ehs.lbl.gov/bnct/research/smallanimal.html >.
	29.	Fike et al, "Research Topics and Papers, Small Animal and <i>In Vitro</i> Toxicity and Biodistribution for the BNCT Project at Lawrence Berkeley National Laboratory and at the University of California at San Francisco, Project 7- Large Animal Pharmacology and Toxicology," http://ehs.lbl.gov/bnct/research/largeanimal.html >.

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